

ELECTRICAL SPECIFICATIONS

| Model No. | FL160M | FL170M | FL180M | FL190M |
|----------------------------|---------|--------|--------|--------|
| Peak power(Pmax) | 160W | 170W | 180W | 190W |
| Maximum power voltage(Vmp) | 18.5V | 18.9V | 20.0V | 20.1V |
| Maximum power current(Imp) | 8.64A | 8.99A | 9.0A | 9.45A |
| Short-circuit current(Isc) | 9.34A | 9.78A | 9.4A | 9.95A |
| Open circuit voltage(Voc) | 22.6V | 22.8V | 23.4V | 24.19V |
| Module efficiency | 16.11% | 17.12% | 18.12% | 19.13% |
| Power tolerance: | +/-3% | | | |
| Maximum system voltage | 1000VDC | | | |

TEMPERATURE COEFFICIENT

| | |
|---------------------------------|-----------|
| Current temperature coefficient | 0.06%/°C |
| Voltage temperature coefficient | -0.30%/°C |
| Power temperature coefficient | -0.40%/°C |

STC: 1000W /m2, AM 1.5, 25°C

Noct 45±2°C

ELECTRICAL CHARACTERISTICS



MECHANICAL SPECIFICATIONS

| | |
|-----------------|----------------------------|
| Cell Type | 156mm x 156mm |
| Number of Cells | 36 cells in series |
| Weight | 11.5 kg |
| Dimension | 1475×675×35mm |
| Front Glass | 3.2mm tempered glass |
| Frame | Anodized aluminum alloy |
| Max Load | 5400 Pascals (112 lb/ft2) |
| Junction Box | IP65 |
| Cable/Connector | 900mm /MC4 Compatible |

PHYSICAL CHARACTERISTICS

